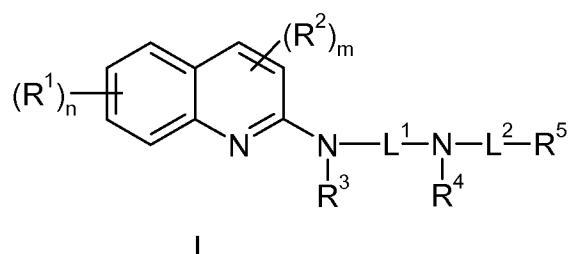


**In the Claims:**

The current status of all claims is listed below and supercedes all previous lists of claims.

Please amend claims 1, 2, 10, 17, and 18 as follows.

1. (currently amended) A compound of formula I



wherein

$R^1$  represents a  $C_{1-4}$  alkoxy group optionally substituted by one or more fluoro, a  $C_{1-4}$  alkyl group optionally substituted by one or more fluoro, halo, cyano, a group  $OSO_2C_{1-4}alkyl$  wherein the alkyl group is optionally substituted with one or more fluorine atoms, a group  $NR^aR^b$  in which  $R^a$  and  $R^b$  independently represent H or a  $C_{1-4}alkyl$  group or  $R^a$  and  $R^b$  together with the nitrogen atom to which they are attached represent a saturated 3 to 7 membered heterocyclic ring optionally including an O, a group  $CONR^cR^d$  in which  $R^c$  and  $R^d$  independently represent H or a  $C_{1-4}alkyl$  group or  $R^c$  and  $R^d$  together with the nitrogen atom to which they are attached represent a saturated 3 to 7 membered heterocyclic ring;

$n$  represents 0, 1, 2 or 3;

$R^2$  represents a  $C_{1-4}alkyl$  group optionally substituted by one or more fluoro or a  $C_{1-4}alkoxy$  group optionally substituted by one or more fluoro, a group  $NR^aR^b$  in which  $R^a$  and  $R^b$  independently represent H or a  $C_{1-4}alkyl$  group or  $R^a$  and  $R^b$  together with the nitrogen atom to which they are attached represent a saturated 3 to 7 membered heterocyclic ring optionally including an O, a group  $CONR^cR^d$  in which  $R^c$  and  $R^d$  independently represent H or a  $C_{1-4}alkyl$  group or  $R^c$  and  $R^d$  together with the nitrogen atom to which they are attached represent a saturated 3 to 7 membered heterocyclic ring;

$m$  represents 0 or 1;

$R^3$  represents H or a  $C_{1-4}alkyl$  group;

$L^1$  represents a  $(CH_2)_pC_{3-10}$  cycloalkyl $(CH_2)_q$  group in which p and q are independently selected from 0 and 1 and in which the cycloalkyl group may be monocyclic or bicyclic and optionally may be bridged provided that the two nitrogens bearing  $R^3$  and  $R^4$ , respectively, are not linked to the same carbon atom, ~~and wherein one of the carbons may be replaced by O or,~~ alternatively, the group  $-N(R^3)-L^1-$  ~~or the group  $L^1-N(R^4)-$  together~~ represent a saturated bicyclic heterocyclic ring containing from 2 to 9 carbon atoms and the nitrogen bearing  $R^3$  or  $R^4$  respectively;

$R^4$  represents H or a  $C_{1-4}$  alkyl group optionally substituted by one or more of the following: fluoro or  $C_{1-4}$  alkoxy optionally substituted by one or more fluoro;

$L^2$  represents an alkylene chain  $(CH_2)_s$  in which s represents 1, 2 or 3 wherein the alkylene chain is optionally substituted by one or more of the following: fluoro or  $C_{1-4}$  alkyl; ~~or  $L^2$  may also represent a 5-6 membered carbocyclic ring fused to  $R^5$ ;~~

$R^5$  represents phenyl or naphthyl or a heterocyclic group selected from thienyl, furyl, pyridyl, pyrrolyl, quinolinyl, indolyl, benzofuranyl, benzo[b]thienyl, imidazolyl, benzimidazolyl, thiazolyl, thiadiazolyl, pyrimidinyl, pyrazolyl, oxazolyl, imidazo[1,2-a]pyridinyl, 5H-pyrrolo[2,3-b]pyrazinyl, 1H-pyrrolo[3,2-c]pyridinyl, 1H-pyrrolo[2,3-c]pyridinyl, 1H-pyrrolo[2,3-b]pyridinyl, 1H-indazolyl, 1H-pyrrolo[3,2-h]quinolinyl, 1H-pyrrolo[3,2-b]pyridinyl, 2,1,3-benzothiadiazolyl, 2,1,3-benzoxadiazolyl, quinazolinyl or triazolyl wherein each  $R^5$  is optionally substituted by one or more of the following: cyano, halo, a  $C_{1-4}$  alkyl group optionally substituted by one or more fluoro, a  $C_{1-4}$  alkoxy group optionally substituted by one or more fluoro, or by a group  $S(O)_aR^y$  in which a is 0, 1 or 2 and  $R^y$  is phenyl optionally substituted by cyano, halo, a  $C_{1-4}$  alkyl group optionally substituted by one or more fluoro or a  $C_{1-4}$  alkoxy group optionally substituted by one or more fluoro, or by a group  $O_z(CH_2)_wR^z$  in which z and w independently are 0 or 1 and  $R^z$  represents phenyl or a heterocyclic group selected from thienyl, pyridyl, thiazolyl, pyrazolyl, wherein each  $R^z$  is optionally substituted by one or more of the following: cyano, halo, a  $C_{1-4}$  alkyl group optionally substituted by one or more fluoro, or a  $C_{1-4}$  alkoxy group optionally substituted by one or more fluoro;

as well as optical isomers and racemates thereof as well as pharmaceutically acceptable salts, thereof; with the proviso that when

$R^1$  represents a  $C_{1-4}$  alkoxy group optionally substituted by one or more fluoro or a

C<sub>1-4</sub>alkyl group optionally substituted by one or more fluoro; and

n represents 0 or 1; and

R<sup>2</sup> represents a C<sub>1-4</sub>alkyl group optionally substituted by one or more fluoro or a C<sub>1-4</sub>alkoxy group optionally substituted by one or more fluoro; and

m represents 0 or 1; and

R<sup>3</sup> represents H or a C<sub>1-4</sub>alkyl group; and

L<sup>1</sup> represents a cyclohexyl group wherein the two nitrogens bearing R<sup>3</sup> and R<sup>4</sup>, respectively, are linked to the cyclohexyl group either via the 1,3 or the 1,4 positions of the cyclohexyl group or L<sup>1</sup> represents a cyclopentyl group wherein the two nitrogens bearing R<sup>3</sup> and R<sup>4</sup>, respectively, are linked to the cyclopentyl group via the 1,3 position of the cyclopentyl group; and

L<sup>2</sup> represents an alkylene chain (CH<sub>2</sub>)<sub>s</sub> in which s represents 1, 2 or 3 wherein the alkylene chain is optionally substituted by one or more of the following: a C<sub>1-4</sub>alkyl group; and

R<sup>5</sup> represents aryl wherein aryl means phenyl or naphthyl each of which is optionally substituted by one or more of the following: halo, a C<sub>1-4</sub>alkyl group or phenyl, or

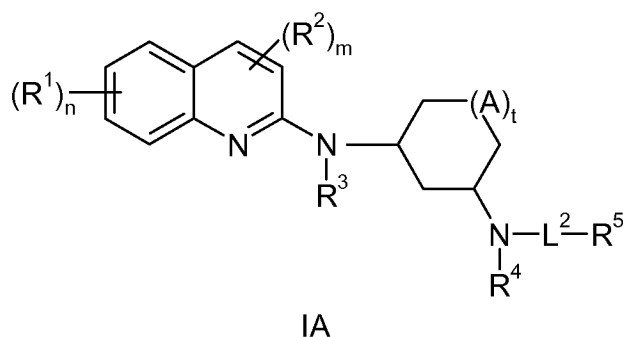
R<sup>5</sup> represents a heterocyclic group wherein the term heterocyclic group means thienyl, furyl, pyridyl, pyrrolyl, quinolinyl, indolyl, benzofuranyl or benzo[*b*]thienyl each of which is optionally substituted by one or more of the following: halo or a C<sub>1-4</sub>alkyl group;

~~or L<sup>2</sup> represents a C<sub>5-6</sub>cycloalkyl group which is fused to an R<sup>5</sup> which is phenyl or a heteroaryl group selected from thienyl, furyl or pyrrolyl;~~

then R<sup>4</sup> does not represent H or a C<sub>1-4</sub>alkyl group; and excluding 1,4-anhydro-2,3,5-trideoxy-3-[(3,4-dichlorophenyl)methyl]amino]-5-[(4-ethoxy-2-quinolinyl)amino]-D-erythro-pentitol.

2. (currently amended) A compound as claimed in claim 1 in which L<sup>1</sup> represents a monocyclic -(CH<sub>2</sub>)<sub>p</sub>C<sub>5-6</sub>(CH<sub>2</sub>)<sub>q</sub>- cycloalkyl group in which p and q are independently 0 or 1 wherein there are 3 carbon atoms between the two nitrogens bearing R<sup>3</sup> and R<sup>4</sup>, respectively, ~~wherein one of the carbons of the cycloalkyl group may be replaced by O or the group~~ -N(R<sup>3</sup>)-L<sup>1</sup>- ~~or the group L<sup>1</sup>-N(R<sup>4</sup>)-, together~~ represent a saturated heterocyclic ring containing from 4 to 6 carbon atoms and the nitrogen bearing R<sup>3</sup> or R<sup>4</sup> respectively.

3. (previously presented) A compound of formula IA



in which

$R^1$  represents chloro, fluoro, methoxy or a group  $NR^aR^b$  in which  $R^a$  and  $R^b$  independently represent H or a  $C_{1-4}$ alkyl group;

$n$  represents 0, 1 or 2 and when  $n=1$  the substituent is attached to either position 6 or 7;

$R^2$  represents a  $C_{1-4}$ alkyl group or a  $C_{1-4}$ alkoxy group optionally substituted by one or more fluoro, a group  $NR^aR^b$  in which  $R^a$  and  $R^b$  independently represent H or a  $C_{1-4}$ alkyl group or  $R^a$  and  $R^b$  together with the nitrogen atom to which they are attached represent a saturated 3 to 7 membered heterocyclic ring optionally including an O, a group  $CONR^cR^d$  in which  $R^c$  and  $R^d$  independently represent H or a  $C_{1-4}$ alkyl group or  $R^c$  and  $R^d$  together with the nitrogen atom to which they are attached represent a saturated 3 to 7 membered heterocyclic ring;

$m$  represents 0 or 1;

$R^3$  represents H;

$A$  represents  $CH_2$  and  $t$  is 0 or 1;

$R^4$  represents H;

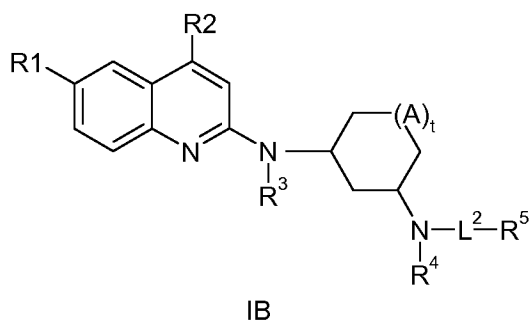
$L^2$  represents  $CH_2$ ,  $C(CH_3)_2$  or  $CF_2$ ; and

$R^5$  represents aryl or a heterocyclic group selected from thienyl, furyl, pyridyl, pyrrolyl, quinolinyl, indolyl, benzofuranyl, benzo[*b*]thienyl, imidazolyl, benzimidazolyl, thiazolyl, thiadiazolyl, pyrimidinyl, pyrazolyl, oxazolyl, imidazo[1,2-*a*]pyridine, 5*H*-pyrrolo[2,3-*b*]pyrazine, 1*H*-pyrrolo[3,2-*c*]pyridine, 1*H*-pyrrolo[2,3-*c*]pyridine, 1*H*-pyrrolo[2,3-*b*]pyridine, 1*H*-indazole each of which is optionally substituted by one or more of the following: cyano, halo, a  $C_{1-4}$ alkyl group optionally substituted by one or more fluoro, a  $C_{1-4}$ alkoxy group optionally substituted by one or more fluoro, or by a group  $S(O)_aR^y$  in which  $a$  is 0, 1 or 2 and  $R^y$

is phenyl optionally substituted by cyano, halo, a  $C_{1-4}$ alkyl group optionally substituted by one or more fluoro or a  $C_{1-4}$ alkoxy group optionally substituted by one or more fluoro, or by a group  $O_z(CH_2)_wR^z$  in which  $z$  and  $w$  independently are 0 or 1 and  $R^z$  represents phenyl or a heterocyclic group selected from thienyl, pyridyl, thiazolyl, pyrazolyl, wherein each  $R^z$  is optionally substituted by one or more cyano, halo, a  $C_{1-4}$ alkyl group optionally substituted by one or more fluoro, a  $C_{1-4}$ alkoxy group optionally substituted by one or more fluoro;

as well as optical isomers and racemates thereof as well as pharmaceutically acceptable salts thereof.

4. (previously presented) A compound of formula IB



in which

$R^1$  represents H, methoxy, dimethylamino, chloro or fluoro;

$R^2$  represents H, a  $C_{1-4}$ alkyl group or a  $C_{1-4}$ alkoxy group optionally substituted by one or more fluoro, a group  $NR^aR^b$  in which  $R^a$  and  $R^b$  independently represent H or a  $C_{1-4}$ alkyl group or  $R^a$  and  $R^b$  together with the nitrogen atom to which they are attached represent a saturated 3 to 7 membered heterocyclic ring optionally including an O, a group  $CONR^cR^d$  in which  $R^c$  and  $R^d$  independently represent H or a  $C_{1-4}$ alkyl group or  $R^c$  and  $R^d$  together with the nitrogen atom to which they are attached represent a saturated 3 to 7 membered heterocyclic ring;

$R^3$  represents H;

A represents  $CH_2$  and  $t$  is 0 or 1;

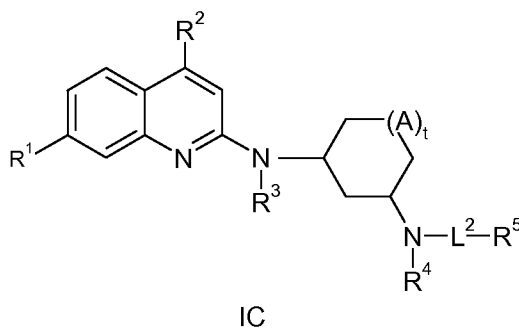
$R^4$  represents H;

$L^2$  represents  $CH_2$ ,  $C(CH_3)_2$  or  $CF_2$ ; and

$R^5$  represents 2-thienyl, 3-thienyl, indol-3-yl, 2-pyrrolyl, 5-pyrimidinyl, 4-thiadiazolyl,

pyrazolyl, or quinolin-2-yl each of which is optionally substituted by one or more of the following: cyano, halo, a C<sub>1-4</sub> alkyl group optionally substituted by one or more fluoro, a C<sub>1-4</sub> alkoxy group optionally substituted by one or more fluoro and in addition when R<sup>5</sup> is 2-thienyl it is optionally additionally substituted by pyridyl, 2-thienyl or 3-pyrazolyl each of which is optionally substituted by halo or a C<sub>1-4</sub> alkyl group optionally substituted by one or more fluoro and when R<sup>5</sup> is indol-3-yl it is optionally additionally substituted by 1-(thiazol-5-yl)methyl which is optionally substituted by halo.

5. (previously presented) A compound of formula IC



in which

R<sup>1</sup> represents H, methoxy, dimethylamino, chloro or fluoro;

R<sup>2</sup> represents H, a C<sub>1-4</sub>alkyl group or a C<sub>1-4</sub> alkoxy group optionally substituted by one or more fluoro, a group NR<sup>a</sup>R<sup>b</sup> in which R<sup>a</sup> and R<sup>b</sup> independently represent H or a C<sub>1-4</sub>alkyl group or R<sup>a</sup> and R<sup>b</sup> together with the nitrogen atom to which they are attached represent a saturated 3 to 7 membered heterocyclic ring optionally including an O, a group CONR<sup>c</sup>R<sup>d</sup> in which R<sup>c</sup> and R<sup>d</sup> independently represent H or a C<sub>1-4</sub>alkyl group or R<sup>c</sup> and R<sup>d</sup> together with the nitrogen atom to which they are attached represent a saturated 3 to 7 membered heterocyclic ring;

R<sup>3</sup> represents H;

A represents CH<sub>2</sub> and t is 0 or 1;

R<sup>4</sup> represents H;

L<sup>2</sup> represents CH<sub>2</sub>, C(CH<sub>3</sub>)<sub>2</sub> or CF<sub>2</sub>; and

R<sup>5</sup> represents 2-thienyl, 3-thienyl, indol-3-yl, 2-pyrrolyl, 5-pyrimidinyl, 4-thiadiazolyl, pyrazolyl, 1H-pyrrolo[3,2-b]pyridinyl or quinolin-2-yl each of which is optionally substituted by

one or more of the following: cyano, halo, a C<sub>1-4</sub> alkyl group optionally substituted by one or more fluoro, a C<sub>1-4</sub> alkoxy group optionally substituted by one or more fluoro and in addition when R<sup>5</sup> is 2-thienyl it is optionally additionally substituted by pyridyl, 2-thienyl or 3-pyrazolyl each of which is optionally substituted by halo or a C<sub>1-4</sub> alkyl group optionally substituted by one or more fluoro and when R<sup>5</sup> is indol-3-yl it is optionally additionally substituted by 1-(thiazol-5-yl)methyl which is optionally substituted by halo.

6. (original) A compound as claimed in any one of claims 1 to 5 in which p is 0, q is 0 and L<sup>1</sup> is 1,3-cyclohexyl.

7. (previously presented) A compound as claimed in any one of claims 1 to 5 in which the two nitrogen atoms are in a trans orientation on the cycloalkyl ring.

8. (original) A compound as claimed in claim 7 wherein the absolute configuration of the cycloalkyl carbon atoms to which the nitrogen atoms are attached is S, S.

9. (previously presented) A compound according to any one of claims 1 to 5 in which R<sup>5</sup> represents one of the following:

1*H*-pyrrolo[3,2-*c*]pyridinyl;  
1*H*-pyrrolo[2,3-*b*]pyridinyl;  
1*H*-indazolyl;  
1-imidazo[1,2-*a*]pyridinyl;  
5*H*-pyrrolo[2,3-*b*]pyrazinyl;  
1*H*-pyrrolo[3,2-*b*]pyridinyl;  
1*H*-pyrrolo[3,2-*h*]quinolinyl;  
2,1,3-benzothiadiazolyl; and  
2,1,3-benzoxadiazolyl;

wherein each of these heterocycles is optionally substituted by one or more of the following: cyano, halo, a C<sub>1-4</sub> alkyl group optionally substituted by one or more fluoro, a C<sub>1-4</sub> alkoxy group optionally substituted by one or more fluoro, or by a group S(O)<sub>a</sub>R<sup>y</sup> in which a is 0, 1 or 2 and R<sup>y</sup>

is phenyl optionally substituted by cyano, halo, a C<sub>1-4</sub>alkyl group optionally substituted by one or more fluoro or a C<sub>1-4</sub>alkoxy group optionally substituted by one or more fluoro, or by a group O<sub>z</sub>(CH<sub>2</sub>)<sub>w</sub>R<sup>z</sup> in which z and w independently are 0 or 1 and R<sup>z</sup> represents phenyl or a heterocyclic group selected from thienyl, pyridyl, thiazolyl, pyrazolyl, wherein each R<sup>z</sup> is optionally substituted by one or more of the following: cyano, halo, a C<sub>1-4</sub>alkyl group optionally substituted by one or more fluoro, or a C<sub>1-4</sub>alkoxy group optionally substituted by one or more fluoro.

10. (currently amended) A compound as claimed in any one of claims 1 to 5 in which L<sup>1</sup> represents a (CH<sub>2</sub>)<sub>p</sub>C<sub>3-10</sub> cycloalkyl(CH<sub>2</sub>)<sub>q</sub> group in which p and q are independently selected from 0 and 1 and in which the cycloalkyl group may be monocyclic or bicyclic and optionally may be bridged provided that the two nitrogens bearing R<sup>3</sup> and R<sup>4</sup>, respectively, are not linked to the same carbon atom, ~~and wherein one of the carbons may be replaced by O~~ or, alternatively, the group -N(R<sup>3</sup>)-L<sup>1</sup> ~~or the group L<sup>1</sup>-N(R<sup>4</sup>)~~ together represent a saturated bicyclic heterocyclic ring containing from 2 to 9 carbon atoms and the nitrogen bearing R<sup>3</sup> or R<sup>4</sup> respectively; with the proviso that L<sup>1</sup> is not 1,4-cyclohexyl or 1,3-cyclopentyl.

11. (original) One or more of the following compounds:

*N,N*-dimethyl-2-[(3-[(5-pyridin-2-yl-2-thienyl)methyl]amino}cyclohexyl)amino]-quinoline-4-carboxamide;

(1*S*,3*S*)-*N*-(6-chloro-4-methylquinolin-2-yl)-*N'*-[(1-methyl-1*H*-indol-3-yl)methyl]cyclohexane-1,3-diamine;

(1*S*,3*S*)-*N*-(6-fluoro-4-methylquinolin-2-yl)-*N'*-(3-thienylmethyl)cyclohexane-1,3-diamine;

(1*R*,3*R*)-*N*-(6-fluoro-4-methylquinolin-2-yl)-*N'*-(3-thienylmethyl)cyclohexane-1,3-diamine;

(1*S*,3*S*)-*N*-(6-fluoro-4-methoxyquinolin-2-yl)-*N'*-(3-thienylmethyl)cyclohexane-1,3-diamine;

(1*S*,3*S*)-*N*-(6-fluoro-4-methylquinolin-2-yl)-*N'*-[(1-methyl-1*H*-indol-3-yl)methyl]cyclopentane-1,3-diamine;

*N*-(6-chloroquinolin-2-yl)-*N'*-(3-thienylmethyl)cyclohexane-1,3-diamine;



*N*-(6-chloroquinolin-2-yl)-*N'*-[(1-methyl-1*H*-pyrrol-2-yl)methyl]cyclohexane-1,3-diamine;

*N*-(6-chloroquinolin-2-yl)-*N'*-(quinolin-3-ylmethyl)cyclohexane-1,3-diamine;

*N*<sup>6</sup>,*N*<sup>6</sup>-dimethyl-*N*<sup>2</sup>-{3-[(3-thienylmethyl)amino]cyclohexyl}quinoline-2,6-diamine;

(1*S*,3*S*)-*N*-[(4-chloro-1-methyl-1*H*-pyrazol-3-yl)methyl]-*N'*-(6-methoxy-4-methylquinolin-2-yl)cyclopentane-1,3-diamine;

(1*S*,3*S*)-*N*-(6-methoxy-4-methylquinolin-2-yl)-*N'*-(1,2,3-thiadiazol-4-ylmethyl)cyclopentane-1,3-diamine;

(1*S*,3*S*)-*N*-(6-methoxy-4-methylquinolin-2-yl)-*N'*-[(5-pyridin-2-yl-2-thienyl)methyl]cyclopentane-1,3-diamine;

(1*S*,3*S*)-*N*-( {1-[(2-chloro-1,3-thiazol-5-yl)methyl]-1*H*-indol-3-yl} methyl)-*N'*-(6-methoxy-4-methylquinolin-2-yl)cyclopentane-1,3-diamine;

(1*S*,3*S*)-*N*-(6-methoxy-4-methylquinolin-2-yl)-*N'*-( {5-[1-methyl-5-(trifluoromethyl)-1*H*-pyrazol-3-yl]-2-thienyl} methyl)cyclopentane-1,3-diamine;

(1*S*,3*S*)-*N*-(2,2'-bithien-5-ylmethyl)-*N'*-(6-methoxy-4-methylquinolin-2-yl)cyclopentane-1,3-diamine;

*N*<sup>4</sup>,*N*<sup>4</sup>-dimethyl-*N*<sup>2</sup>-{3-[(3-thienylmethyl)amino]cyclohexyl}quinoline-2,4-diamine;

*N*<sup>4</sup>,*N*<sup>4</sup>-dimethyl-*N*<sup>2</sup>-[3-( {2-(phenylsulfonyl)-1,3-thiazol-5-yl} methyl) amino]-cyclohexyl}quinoline-2,4-diamine;

*N*<sup>2</sup>-(3-{[(2,4-dimethoxypyrimidin-5-yl)methyl]amino} cyclohexyl)-*N*<sup>4</sup>,*N*<sup>4</sup>-dimethylquinoline-2,4-diamine;

3-(6-methoxy-4-methylquinolin-2-yl)-*N*-methyl-*N*-(3-thienylmethyl)-3-azabicyclo[3.2.1]octan-8-amine;

6-methoxy-4-methyl-*N*-[ ((1*R*,2*S*)-2-{[(1-methyl-1*H*-indol-3-yl)methyl]amino} cyclopentyl)methyl]quinolin-2-amine;

(1*S*,3*S*)- *N*-(6-fluoro-4-methylquinolin-2-yl)-*N'*-[(1-methyl-1*H*-pyrrolo[2,3-*b*]pyridin-3-yl)methyl]cyclopentane-1,3-diamine;

(1*S*,3*S*)-3-[( {3-[(7-methoxy-4-methylquinolin-2-yl)amino]cyclopentyl} amino)methyl]-1-methyl-1*H*-indole-6-carbonitrile;

(1*S*,3*S*)- *N*-(6-fluoro-4-methylquinolin-2-yl)-*N'*-[(1-methyl-1*H*-indol-2-

yl)methyl]cyclopentane-1,3-diamine;

(1*S*,3*S*)- *N*-(6-fluoro-4-methylquinolin-2-yl)-*N'*-( { 1-[3-(trifluoromethyl)pyridin-2-yl]-1*H*-indol-3-yl} methyl)cyclopentane-1,3-diamine;

(1*S*,3*S*)- *N*-(6-fluoro-4-methylquinolin-2-yl)-*N'*-[(1-methyl-1*H*-indazol-3-yl)methyl]cyclopentane-1,3-diamine;

(1*S*,3*S*)-*N*-(7-methoxy-4-methylquinolin-2-yl)-*N'*-( { 1-[4-(trifluoromethyl)phenyl]-1*H*-pyrrol-3-yl} methyl)cyclopentane-1,3-diamine;

3-[( { (1*S*,3*S*)-3-[(7-methoxy-4-methylquinolin-2-yl)amino]cyclopentyl} amino)methyl]-1-methyl-1*H*-indole-5-carbonitrile;

(1*S*,3*S*)-*N*-{ [5-difluormethoxy-1*H*-indol-3-yl]methyl } -*N'*-(7-methoxy-4-methylquinolin-2-yl)cyclopentane-1,3-diamine;

(1*S*,2*S*,4*R*,6*S*)-*N*-(6-methoxy-4-methylquinolin-2-yl)-*N'*-(3-thienylmethyl)bicyclo[2.2.1]heptane-2,6-diamine;

(1*R*,2*S*,4*S*,6*S*)-*N*-(6-methoxy-4-methylquinolin-2-yl)-*N'*-(3-thienylmethyl)bicyclo[2.2.1]heptane-2,6-diamine;

(1*S*,2*S*,4*R*,6*S*)-*N*-(7-methoxy-4-methylquinolin-2-yl)-*N'*-[(1-methyl-1*H*-indol-3-yl)methyl]bicyclo[2.2.1]heptane-2,6-diamine;

6-methoxy-4-methyl-*N*-[(1*S*,2*R*)-2-( { [(1-methyl-1*H*-indol-3-yl)methyl]amino } methyl)cyclopentyl]quinolin-2-amine;

(1*S*,3*S*)-*N*-(7-methoxy-4-methylquinolin-2-yl)-*N'*-[(1-methyl-1*H*-pyrrolo[3,2-*h*]quinolin-3-yl)methyl]cyclopentane-1,3-diamine;

(1*S*,3*S*)-*N*-(6-fluoro-4-methylquinolin-2-yl)-*N'*-[(1-methyl-1*H*-pyrrolo[2,3-*c*]pyridin-3-yl)methyl]cyclopentane-1,3-diamine;

(1*S*,3*S*)-*N*-(7-methoxy-4-methylquinolin-2-yl)-*N'*-[(1-methyl-1*H*-pyrrolo[3,2-*b*]pyridin-3-yl)methyl]cyclopentane-1,3-diamine;

(1*S*,3*S*)-*N*-(6-fluoro-4-methylquinolin-2-yl)-*N'*-(imidazo[1,2-*a*]pyridin-3-ylmethyl)cyclopentane-1,3-diamine;

(1*S*,3*S*)-*N*-{ [5-(Benzyloxy)-1-methyl-1*H*-indol-3-yl]methyl } -*N'*-(7-methoxy-4-methylquinolin-2-yl)cyclopentane-1,3-diamine;

(1*S*,3*S*)-*N*-(7-Methoxy-4-methylquinolin-2-yl)-*N'*-[3-(trifluoromethoxy)benzyl]-

cyclohexane-1,3-diamine;

(1S,3S)-N-(2,1,3-Benzothiadiazol-4-ylmethyl)-N'-(7-methoxy-4-methylquinolin-2-yl)cyclohexane-1,3-diamine;

(1S,3S)-N-[(1,3-Dimethyl-1H-pyrazol-4-yl)methyl]-N'-(7-methoxy-4-methylquinolin-2-yl)cyclohexane-1,3-diamine; and

(1S,3S)-N-(2-Bromo-4-methoxybenzyl)-N'-(7-methoxy-4-methylquinolin-2-yl)cyclohexane-1,3-diamine;

and pharmaceutically acceptable salts thereof.

12. (canceled).

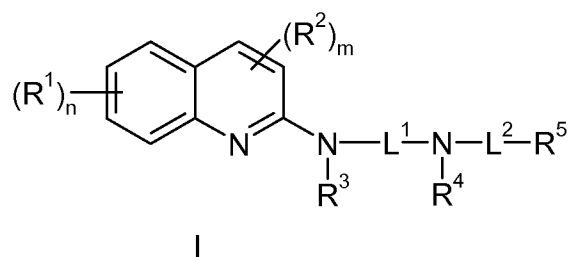
13. (previously presented) A pharmaceutical formulation comprising a compound as defined in any one of claims 1 to 5 or claim 11 and a pharmaceutically acceptable adjuvant, diluent or carrier.

14. (cancelled).

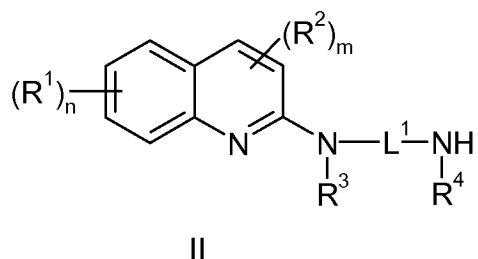
15. (previously presented) A method of treating obesity, a psychiatric disorder, anxiety, an anxio-depressive disorder, depression, bipolar disorder, ADHD, a cognitive disorder, a memory disorder, schizophrenia, epilepsy, a neurological disorder and a pain related disorder, comprising administering a pharmacologically effective amount of a compound as claimed in any one of claims 1 to 5 or claim 11 to a patient in need thereof.

16. (canceled).

17. (currently amended) A process for the preparation of a compound of formula I



comprising reacting a compound of formula II



in which

$R^1$  represents a  $C_{1-4}$  alkoxy group optionally substituted by one or more fluoro, a  $C_{1-4}$  alkyl group optionally substituted by one or more fluoro, halo, cyano, a group  $OSO_2C_{1-4}alkyl$  wherein the alkyl group is optionally substituted with one or more fluorine atoms, a group  $NR^aR^b$  in which  $R^a$  and  $R^b$  independently represent H or a  $C_{1-4}alkyl$  group or  $R^a$  and  $R^b$  together with the nitrogen atom to which they are attached represent a saturated 3 to 7 membered heterocyclic ring optionally including an O, a group  $CONR^cR^d$  in which  $R^c$  and  $R^d$  independently represent H or a  $C_{1-4}alkyl$  group or  $R^c$  and  $R^d$  together with the nitrogen atom to which they are attached represent a saturated 3 to 7 membered heterocyclic ring;

$n$  represents 0, 1, 2 or 3;

$R^2$  represents a  $C_{1-4}alkyl$  group optionally substituted by one or more fluoro or a  $C_{1-4}alkoxy$  group optionally substituted by one or more fluoro, a group  $NR^aR^b$  in which  $R^a$  and  $R^b$  independently represent H or a  $C_{1-4}alkyl$  group or  $R^a$  and  $R^b$  together with the nitrogen atom to which they are attached represent a saturated 3 to 7 membered heterocyclic ring optionally including an O, a group  $CONR^cR^d$  in which  $R^c$  and  $R^d$  independently represent H or a  $C_{1-4}alkyl$  group or  $R^c$  and  $R^d$  together with the nitrogen atom to which they are attached represent a saturated 3 to 7 membered heterocyclic ring;

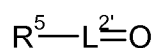
$m$  represents 0 or 1;

$R^3$  represents H or a  $C_{1-4}$  alkyl group;

$L^1$  represents a  $(CH_2)_p C_{3-10}$  cycloalkyl  $(CH_2)_q$  group in which p and q are independently selected from 0 and 1 and in which the cycloalkyl group may be monocyclic or bicyclic and optionally may be bridged provided that the two nitrogens bearing  $R^3$  and  $R^4$ , respectively, are not linked to the same carbon atom, ~~and wherein one of the carbons may be replaced by O or,~~ alternatively, the group  $-N(R^3)-L^1-$  ~~or the group  $L^1-N(R^4)-$  together~~ represent a saturated bicyclic heterocyclic ring containing from 2 to 9 carbon atoms and the nitrogen bearing  $R^3$  or  $R^4$  respectively; and

$R^4$  represents H or a  $C_{1-4}$  alkyl group optionally substituted by one or more of the following: fluoro or  $C_{1-4}$  alkoxy optionally substituted by one or more fluoro;

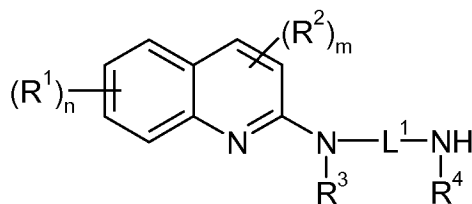
with a compound of formula III



III

in which  $R^5$  is as previously defined and  $L^{2'}$  represents a group which after reaction of compounds II and III gives  $L^2$  on reduction, under reductive alkylation conditions.

18. (currently amended) A compound of formula II



II

in which

$R^1$  represents a  $C_{1-4}$  alkoxy group optionally substituted by one or more fluoro, a  $C_{1-4}$  alkyl group optionally substituted by one or more fluoro, halo, cyano, a group  $OSO_2 C_{1-4}$  alkyl wherein the alkyl group is optionally substituted with one or more fluorine atoms, a group  $NR^a R^b$  in which  $R^a$  and  $R^b$  independently represent H or a  $C_{1-4}$  alkyl group or  $R^a$  and  $R^b$  together with the nitrogen atom to which they are attached represent a saturated 3 to 7 membered heterocyclic ring optionally including an O, a group  $CONR^c R^d$  in which  $R^c$  and  $R^d$  independently represent H or a

C<sub>1-4</sub>alkyl group or R<sup>c</sup> and R<sup>d</sup> together with the nitrogen atom to which they are attached represent a saturated 3 to 7 membered heterocyclic ring;

n represents 0, 1, 2 or 3;

R<sup>2</sup> represents a C<sub>1-4</sub>alkyl group optionally substituted by one or more fluoro or a C<sub>1-4</sub>alkoxy group optionally substituted by one or more fluoro, a group NR<sup>a</sup>R<sup>b</sup> in which R<sup>a</sup> and R<sup>b</sup> independently represent H or a C<sub>1-4</sub> alkyl group or R<sup>a</sup> and R<sup>b</sup> together with the nitrogen atom to which they are attached represent a saturated 3 to 7 membered heterocyclic ring optionally including an O, a group CONR<sup>c</sup>R<sup>d</sup> in which R<sup>c</sup> and R<sup>d</sup> independently represent H or a C<sub>1-4</sub>alkyl group or R<sup>c</sup> and R<sup>d</sup> together with the nitrogen atom to which they are attached represent a saturated 3 to 7 membered heterocyclic ring;

m represents 0 or 1;

R<sup>3</sup> represents H or a C<sub>1-4</sub> alkyl group;

L<sup>1</sup> represents a (CH<sub>2</sub>)<sub>p</sub>C<sub>3-10</sub> cycloalkyl(CH<sub>2</sub>)<sub>q</sub> group in which p and q are independently selected from 0 and 1 and in which the cycloalkyl group may be monocyclic or bicyclic and optionally may be bridged provided that the two nitrogens bearing R<sup>3</sup> and R<sup>4</sup>, respectively, are not linked to the same carbon atom, ~~and wherein one of the carbons may be replaced by O or, alternatively, the group -N(R<sup>3</sup>)-L<sup>1</sup>- or the group L<sup>1</sup>-N(R<sup>4</sup>)- together~~ represent a saturated bicyclic heterocyclic ring containing from 2 to 9 carbon atoms and the nitrogen bearing R<sup>3</sup> or R<sup>4</sup> respectively; and

R<sup>4</sup> represents H or a C<sub>1-4</sub> alkyl group optionally substituted by one or more of the following: fluoro or C<sub>1-4</sub> alkoxy optionally substituted by one or more fluoro.

19. (previously presented) A compound selected from one or more of:

(1*S*, 3*S*)-Dibenzyl-cyclohexane-1,3-diylbiscarbamate; and

(1*S*, 3*S*)-Cyclohexane-1,3-diamine dihydrochloride.

20. (previously presented) A method of treating obesity, type II diabetes, or Metabolic syndrome comprising administering a pharmacologically effective amount of a compound as claimed in any one of claims 1 to 5 or claim 11 to a patient in need thereof.

21. (previously presented) A method of preventing type II diabetes comprising administering a pharmacologically effective amount of a compound as claimed in any one of claims 1 to 5 or claim 11 to a patient in need thereof.